

Title (en)

MODIFIED GUIDE RNAS FOR GENE EDITING

Title (de)

MODIFIZIERTE RNAS ZUR EDITIERUNG VON GENEN

Title (fr)

ARN GUIDES MODIFIÉS POUR ÉDITION DE GÈNES

Publication

**EP 3802828 A4 20221026 (EN)**

Application

**EP 19814154 A 20190607**

Priority

- US 201862682820 P 20180608
- US 201862682838 P 20180608
- US 2019036160 W 20190607

Abstract (en)

[origin: WO2019237069A1] This disclosure relates to modified guide RNAs having improved in vitro and in vivo activity in gene editing methods.

IPC 8 full level

**C12N 15/11** (2006.01); **C12N 15/10** (2006.01); **C12N 15/113** (2010.01)

CPC (source: EP IL KR US)

**A61K 31/7088** (2013.01 - KR); **C12N 9/22** (2013.01 - KR US); **C12N 15/102** (2013.01 - EP IL KR); **C12N 15/111** (2013.01 - EP IL); **C12N 15/113** (2013.01 - IL KR US); **C12N 15/1137** (2013.01 - IL); **C12N 15/90** (2013.01 - KR); **C07K 2319/09** (2013.01 - KR); **C12N 15/113** (2013.01 - EP); **C12N 15/1137** (2013.01 - EP); **C12N 2310/20** (2017.04 - EP IL KR US); **C12N 2310/315** (2013.01 - EP IL KR US); **C12N 2310/32** (2013.01 - EP IL KR); **C12N 2310/321** (2013.01 - US); **C12N 2310/322** (2013.01 - US); **C12N 2310/3231** (2013.01 - US); **C12N 2310/344** (2013.01 - EP IL KR); **C12N 2310/531** (2013.01 - EP IL KR US); **C12N 2320/53** (2013.01 - EP)

Citation (search report)

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- See references of WO 2019237069A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2019237069 A1 20191212**; AU 2019282824 A1 20210107; BR 112020024731 A2 20210323; CA 3102950 A1 20191212; CN 112567036 A 20210326; CO 2021000051 A2 20210118; EP 3802828 A1 20210414; EP 3802828 A4 20221026; IL 278822 A 20210131; JP 2021526804 A 20211011; KR 20210029772 A 20210316; MX 2020013293 A 20210512; PH 12020552100 A1 20210802; SG 11202011539V A 20210230; TW 202016306 A 20200501; US 2021087568 A1 20210325

DOCDB simple family (application)

**US 2019036160 W 20190607**; AU 2019282824 A 20190607; BR 112020024731 A 20190607; CA 3102950 A 20190607; CN 201980052704 A 20190607; CO 2021000051 A 20210106; EP 19814154 A 20190607; IL 27882220 A 20201118; JP 2020567951 A 20190607; KR 20217000460 A 20190607; MX 2020013293 A 20190607; PH 12020552100 A 20201207; SG 11202011539V A 20190607; TW 108120005 A 20190610; US 202017111769 A 20201204